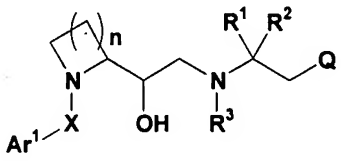
AMENDMENTS TO THE CLAIMS

Claim 1. (Currently Amended) A compound of the formula I



I

wherein:

Ar^1 is a ~~substituted or unsubstituted aryl or~~ substituted or unsubstituted heteroaryl[[;]] , wherein heteroaryl contains one nitrogen and five carbons and may optionally be part of a bicyclic ring system;

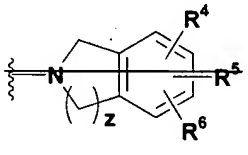
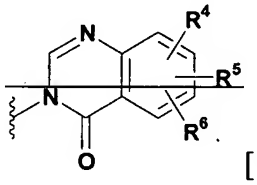
X is a linking group selected from the group consisting of alkylene, CO, alkyleneCO, OCO, alkyleneOCO, SO_2 and alkyleneSO_2;

n is an integer from 1 to 4;

R^1 and R^2 are each independently substituted or unsubstituted C_1-C_4 alkyl, or R^1 can be cyclized with R^2 to form $(-CH_2-)_m$ where m is an integer from 2 to 5;

R^3 is hydrogen(H) or alkyl;

Q is ~~Ar^1 or G~~ substituted or unsubstituted aryl;

~~G is~~  [[or]]  [[;]]

~~z is 1 or 2; and~~

~~R^4, R^5 and R^6 are each independently selected from the group consisting of hydrogen, halo, haloalkyl, alkyl, alkoxy, haloalkoxy, hydroxy, cyano, nitro, amino, alkylamino and alkylthio~~[[;]]

including all prodrug esters, pharmaceutically acceptable salts or stereoisomers thereof.

Claim 2. (Currently Amended) The compound as defined in claim 1 wherein:

X is alkylene

n is an integer from 1 to 3;

R^3 is hydrogen(H) or methyl; and

Q is selected from [[Ar^1,]] substituted or unsubstituted phenyl, or substituted or unsubstituted ~~napthyl~~ naphthyl ~~or substituted or unsubstituted benzothiophene~~;

including all prodrug esters, pharmaceutically acceptable salts or stereoisomers thereof.

Claim 3. (Currently Amended) The compound as defined in claim 1 wherein:

X is alkylene;

n is 2;

R^1 and R^2 are methyl, or R^1 can be cyclized with R^2 to form a cyclopropyl ring;

R^3 is hydrogen; and

Q is substituted or unsubstituted phenyl or substituted or unsubstituted ~~napthyl~~ naphthyl.

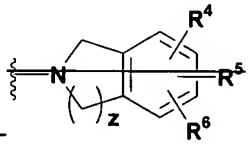
Claim 4. (Currently Amended) The compound as defined in claim 1 wherein:

X is alkylene;

n is 2;

R^1 and R^2 are methyl, or R^1 can be cyclized with R^2 to form a cyclopropyl ring; and

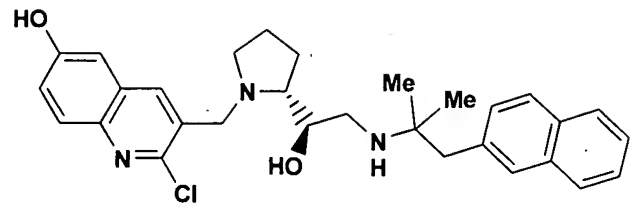
R^3 is hydrogen[[;]] .

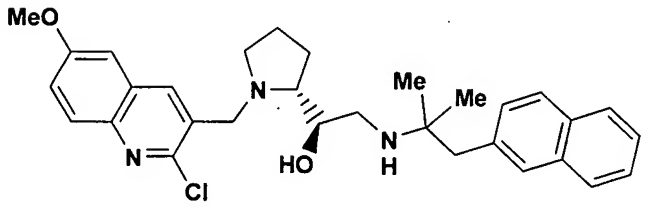
~~Q is G where G is~~ 

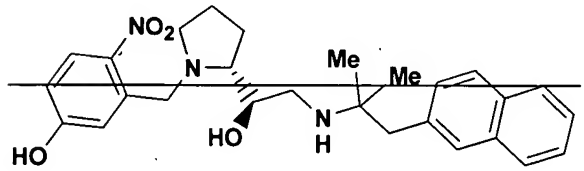
~~z is 2; and~~

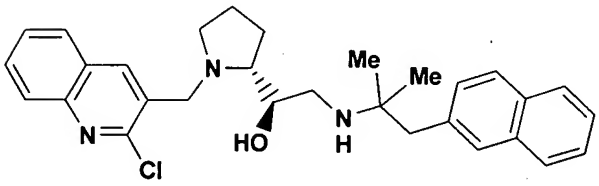
~~R^4, R^5 and R^6 are H~~ [[.]]

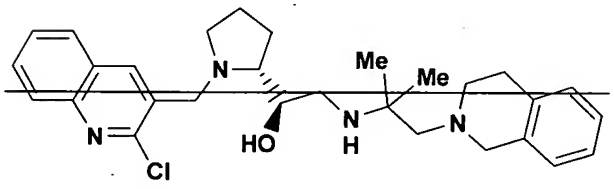
Claim 5. (Currently Amended) The compound as defined in claim 1 wherein the compound is selected from:

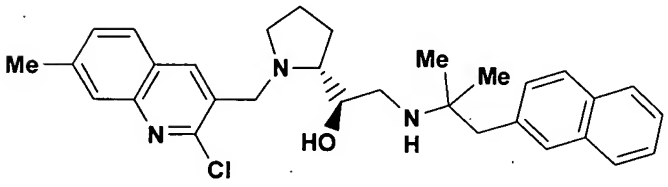


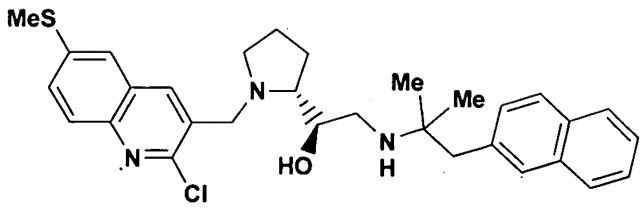








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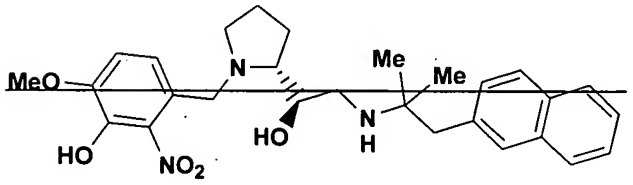
HO
Me
Me
N
H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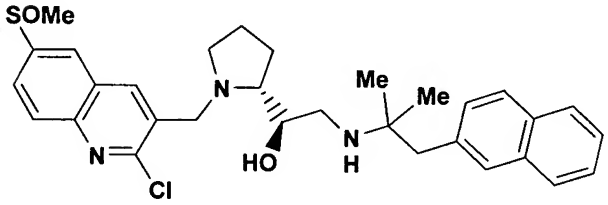
HO
NO2
N
HO
Me
Me
N
H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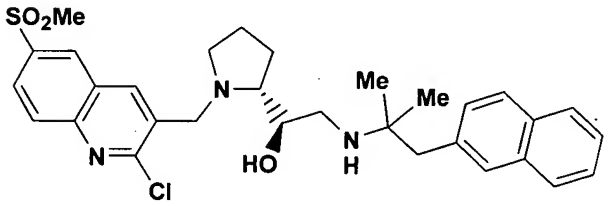
Cl
N
HO
Me
Me
N
H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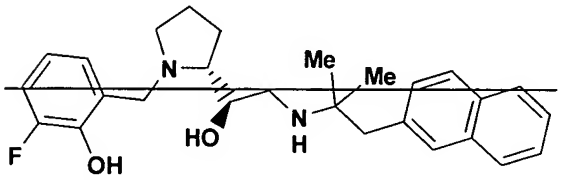
Cl
N
HO
Me
Me
N
H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HO
Me
Me
N
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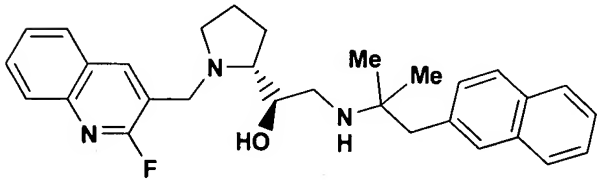
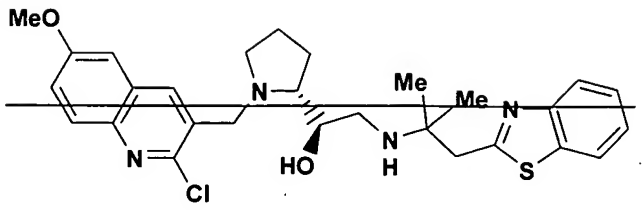
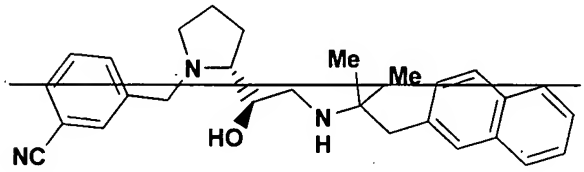
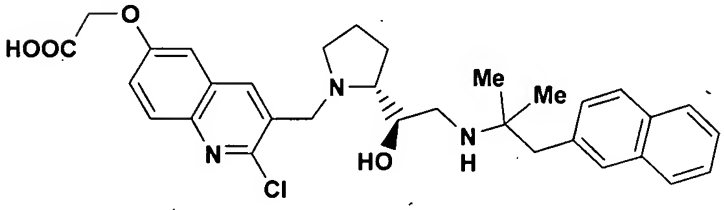

N
F
N
HO
Me
Me
N
H


MeO
N
Me
Me
N
N
HO
H
S
N
Cl


N
Me
Me
N
HO
H
NC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HO
H
N
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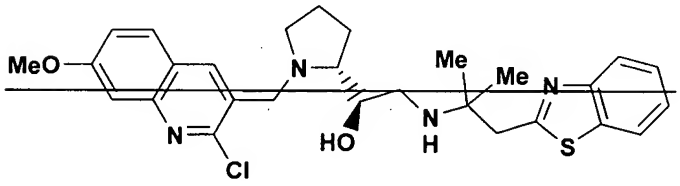
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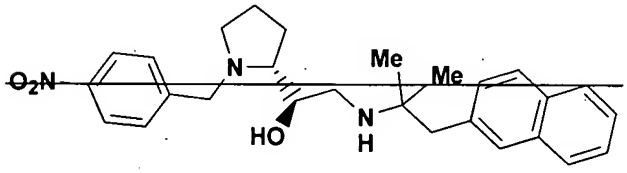
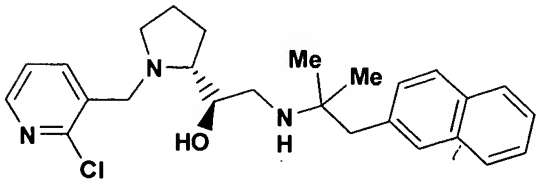
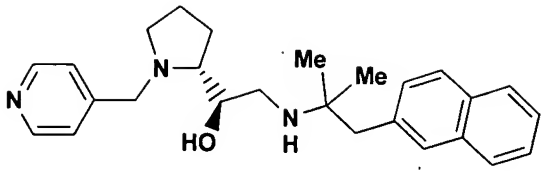
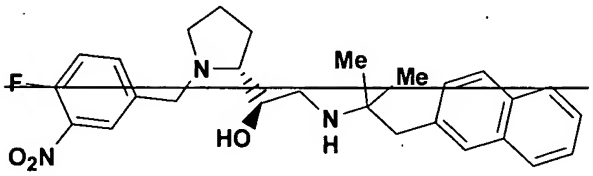
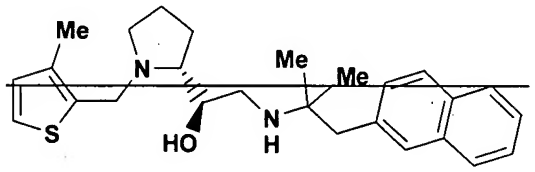
N
N
HO
H
S
N
Cl


O2N
N
Me
Me
N
HO
H

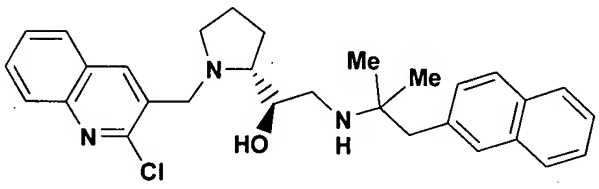

N
Me
Me
N
HO
H
N
Cl

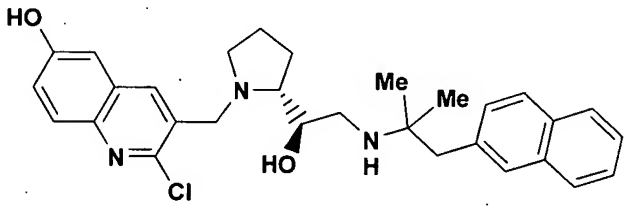


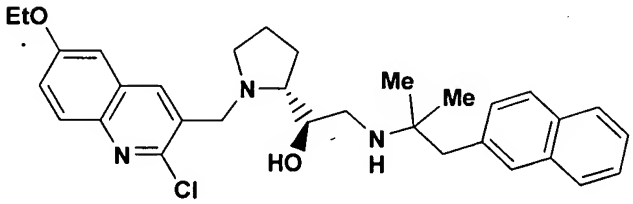


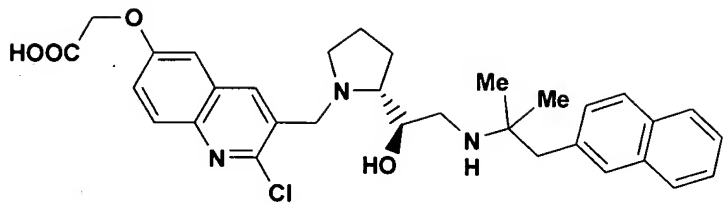


Claim 6. (Currently Amended) The compound as defined in claim 1 wherein the compound is selected from:









Claim 7. (Original) A pharmaceutical composition comprising a compound as defined in claim 1 and a pharmaceutically acceptable carrier therefor.

Claim 8. (Withdrawn) The pharmaceutical composition of claim 7 further comprising at least one additional therapeutic agent selected from the group consisting of other compounds of formula I, anti-osteoporosis agents, cholesterol/lipid lowering agents, growth promoting agents, progesterone receptor agonists, modulators of bone resorption, selective estrogen receptor modulators, selective androgen receptor modulators, anti-resorptive agents, hormone replacement therapies, vitamin D, vitamin D analogues, elemental calcium, calcium supplements, cathepsin K inhibitors, MMP inhibitors, vitronectin receptor antagonists, Src SH_2 antagonists, Src kinase inhibitors, vacular - H^+- ATPase inhibitors, PTH, PTH analogues and fragments, osteoprotegrin, Tibolone, p38 inhibitors, prostanoids, PPAR gamma antagonists and isoflavinoids.

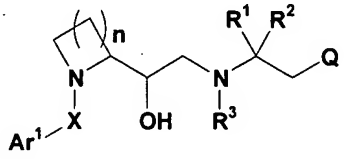
Claim 9. (Withdrawn) A method for treating or delaying the progression or onset of hypoparathyroidism, osteosarcoma, chondrosarcoma, periodontal disease, fracture healing, osteoarthritis, Paget's disease, osteopenia, glucocorticoid induced osteoporosis, osteomalacia, osteoporosis, metastatic bone disease or joint replacement, which comprises administering to a mammalian species in need of treatment a therapeutically effective amount of a compound as defined in Claim 1.

Claim 10. (Withdrawn) The method according to claim 9 further comprising administering, concurrently or sequentially, a therapeutically effective amount of at least one additional therapeutic agent selected from the group consisting of other compounds of formula I, anti-osteoporosis agents, cholesterol/lipid lowering agents, growth promoting agents, progesterone receptor agonists, modulators of bone resorption, selective estrogen receptor modulators, selective androgen receptor

modulators, anti-resorptive agents, hormone replacement therapies, vitamin D, vitamin D analogues, elemental calcium, calcium supplements, cathepsin K inhibitors, MMP inhibitors, vitronectin receptor antagonists, Src SH_2 antagonists, Src kinase inhibitors, vacular - H^+- ATPase inhibitors, PTH, PTH analogues and fragments, osteoprotegrin, Tibolone, p38 inhibitors, prostanoids, PPAR gamma antagonists and isoflavinoids.

Claim 11. (Withdrawn) A method of enhancing bone formation in a mammalian species comprising administering a therapeutically effective amount of a compound as defined in Claim 1 to a patient in need thereof.

Claim 12. (Withdrawn) A pharmaceutical composition capable of modulating the calcium sensing receptor comprising a compound of formula I



I

wherein:

Ar^1 is a substituted or unsubstituted aryl or substituted or unsubstituted heteroaryl;

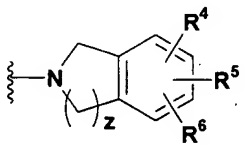
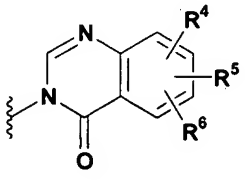
X is a linking group selected from the group consisting of alkylene, CO, alkyleneCO, OCO, alkyleneOCO, SO_2 and alkyleneSO_2;

n is an integer from 1 to 4;

R^1 and R^2 are each independently substituted or unsubstituted C_1-C_4 alkyl, or R^1 can be cyclized with R^2 to form $(-CH_2-)_m$ where m is an integer from 2 to 5;

R^3 is hydrogen(H) or alkyl;

Q is Ar^1 or G;

G is  or  ;

z is 1 or 2; and

R^4, R^5 and R^6 are each independently selected from the group consisting of hydrogen, halo, haloalkyl, alkyl, alkoxy, haloalkoxy, hydroxy, cyano, nitro, amino, alkylamino and alkylthio;

including all prodrug esters, pharmaceutically acceptable salts or stereoisomers thereof.

Claim 13. (Withdrawn) The pharmaceutical composition of claim 12 wherein said composition is a calcium sensing receptor antagonist.